

Abstract

A motor is properly aligned with a throttle valve and vibration resistance of the motor is improved.

In a throttle device having a motor for driving a throttle
5 valve, the motor is inserted into a motor casing provided in
a throttle body. A portion on the output-shaft side of the
motor is held in its radial direction in the vicinity of the
motor-insertion opening of the motor casing. A portion
opposite to the output-shaft side of the motor is provided with
10 elastic pieces or elastic projections. The motor and the
elastic pieces or elastic projections are formed in a single
piece, or the elastic pieces or elastic projections are attached
to the motor. The elastic pieces or elastic projections are
deformed inwardly of the radial direction of the motor so that
15 the portion opposite to the output-shaft side of the motor is
supported in its radial direction in the motor casing.